

**Amendments to the Specification:**

Please replace paragraph [0013] with the following amended paragraph:

[0013] The invention consists of a mechanical and electrical connection system between the ends of two approximately coaxial shafts that move along an overall axial direction (100) and are capable of transmitting approximately axial forces, one of the shafts called the "driving shaft" being connected to an axial translation device, typically a jack, and the other shaft called the "driven shaft" typically being equipped with a measurement device. This system is characterised in that:

Please replace paragraph [0034] with the following amended paragraph:

[0034] FIG. 2 is a section along the plane 2-2 I-I of the system shown in FIG. 1.

Between paragraph [0034] and the heading DETAILED DESCRIPTION OF THE INVENTION, please insert the following:

--FIG. 3 illustrates a diametric section through a system that includes an axial translation device and a chisel, according to an embodiment of the invention.

FIG. 4 illustrates a diametric section through a system according to an embodiment of the invention, in which the end of the driven shaft contacts the end of the driving shaft.--